



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 66021  
Application ID: 10827134  
Title of Invention: Enhanced measurement of azimuthal dependence of subterranean parameters  
First Named Inventor: Samuel Haugland  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-04-19  
Effective Receipt Date: 2004-08-04  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 2314  
Attorney Docket Number: PAT035US  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 502255  
Deposit Account Name: Stuart J Ford  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-08-04  
RAM Sequence Number: 18



Digital Certificate Holder: cn=Stuart J. Ford,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 10085a192d985aadd8562a516485aab2625edd65



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

## Title of Invention

Enhanced measurement of azimuthal dependence of subterranean parameters

Application Number: 10/827134  
Date: 2004-04-19  
First Named Applicant: Samuel Mark Haugland  
Confirmation Number: 2314  
Attorney Docket Number: PAT035US



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Submitted by:	Elec. Sign.	Sign. Capacity
Stuart J Ford Registered Number: 37486	/stuart j ford/	Attorney

## Documents being submitted

us-ids

us-fee-sheet

## Files

Suppl\_IDS-usidst.xml

us-ids.dtd

us-ids.xsl

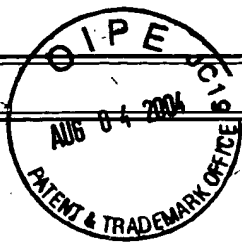
Suppl\_IDS-usfees.xml

us-fee-sheet.xsl

us-fee-sheet.dtd

## Comments

Electronic Version v08  
Stylesheet Version v08.0



## FEE TRANSMITTAL

## Title of Invention

Enhanced measurement of azimuthal dependence of subterranean parameters

Application Number: 10/827134  
Date: 2004-04-19  
First Named Applicant: Samuel Mark Haugland  
Attorney Docket Number: PAT035US  
Art Unit: 2862  
Examiner: Donald JMcElheney

**TOTAL FEE AUTHORIZED \$180**

Patent fees are subject to annual revisions on or about October 1st of each year.

**BASIC FILING FEE**

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

**AUTHORIZED BILLING INFORMATION**

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 502255  
Access Code: \*\*\*\*  
Deposit name: W-H Energy Services, Inc.  
Deposit authorized name: Stuart J Ford  
Signature: /stuart j ford/  
Date (YYYYMMDD): 2004-08-04

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0



## Title of Invention

Enhanced measurement of azimuthal dependence of subterranean parameters

Application Number: 10/827134



Confirmation Number: 2314

First Named Applicant: Samuel Haugland

Attorney Docket Number: PAT035US

Art Unit: 2862

Examiner: Donald J McElheney

Search string: ( 4642648 or 4562556 or 5506769 or 5672867 or 5680906 or 6023658 or 6510106 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4642648	1985-09-24	Vinegar et al			
	2	4562556	1985-12-31	Ingram et al			
	3	5506769	1996-04-09	Fu et al.			
	4	5672867	1997-09-30	Gadeken et al			
	5	5680906	1997-10-28	Adrieux et al			
	6	6023658	2000-02-08	Jeffryes			
	7	6510106	2003-01-21	Ten Kroode et al	B1		

## Signature

Examiner Name

Date